



***Cal/EPA***

California  
Environmental  
Protection  
Agency



**Air Resources Board**

P.O. Box 2815  
2020 L Street  
Sacramento, CA  
95812-2815

January 22, 1997



Pete Wilson  
Governor

James M. Strock  
Secretary for  
Environmental  
Protection

James Lawrence  
President  
Emco Wheaton, Inc.  
2300 Industrial Park Drive  
Wilson, North Carolina 27893

Dear Mr. Lawrence:

#97-02

Approval of Alternate Construction For The A4005,  
The A4015 And The Rebuilt RA4005 and RA4015 Nozzles.

You requested California Air Resources Board (CARB) approval for the use of alternate construction components in the Emco Wheaton A4005 and the A4015 nozzles. These components would also be used in the rebuilt versions of these nozzles, the RA4005 and the RA4015.

There are three parts that are affected by this change: the vapor seal, the seal guide and the push rod. These parts are listed in the UL Report MH1460 Vol. II, Section 5, pages 1, 2, 11, and 18 plus Fig. 11 and Illustrations 72, 73, 74, 75 and T-11. The parts are located internally and do not have a significant effect on the outward appearance or operation of the original nozzles.

As required by the certification Procedures for Gasoline Vapor Recovery Systems at Service Stations, the approvals of the three State agencies is a precondition to certification by the Air Resources Board. The appropriate letters of approval have been received and are listed as follows:

-Department of Food and Agriculture,  
Division of Measurement Standards  
November 20, 1996.

-Department of Occupational Safety and Health  
November 8, 1996 and December 11, 1996.

-Department of Forestry and Fire Protection  
Office of the State Fire Marshal  
Certification # 005:007:025, revised January 15, 1997  
Certification # 005:007:026, revised January 15, 1997  
Certification # 005:007:036, revised January 15, 1997  
Certification # 005:007:038, revised January 15, 1997

I find that the use of the alternate construction components in the Emco Wheaton A4005, the A4015 and the rebuilt RA4005 and the RA4015 nozzles will not adversely affect the performance of vapor recovery systems on which they are installed. Therefore, the alternate construction of these nozzles is certified for use with CARB certified Phase II vapor recovery systems.

If you have any questions or wish to discuss this matter further, please call Paul Thalken at (916) 445-0383 or Laura McKinney at (916) 327-1525.

Sincerely,

**INTERNET VERSION**

James J. Morgester, Chief  
Compliance Division

cc: Mr. Jim Johnston, Chairman,  
CAPCOA Vapor Recovery Committee  
Monterey Bay Unified APCD  
24580 Silver Cloud Ct.  
Monterey, CA 93940

Mr. Gary Hunter, Manager,  
CARB Compliance Assistance Section

Skip Orr, District Manager  
Emco Wheaton, Inc.  
District Office  
7178 Canelo Hills Dr.  
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